

# FILE NOTATIONS

Entered in NID File

☒

Checked by Chief

RdS

Entered On S R Sheet

☒

Copy NID to Field Office

L

Location Map Pinned

☒

Approval Letter

\_\_\_\_\_

Card Indexed

☒

Disapproval Letter

\_\_\_\_\_

IWR for State or Fee Land

\_\_\_\_\_

## COMPLETION DATA:

Date Well Completed

12-29-60

Location Inspected

RdS

OW

WW

TA

Bond released

GW

OS

PA

☒

State of Fee Land

\_\_\_\_\_

## LOGS FILED

Driller's Log

2-27-61

Electric Logs (No.)

3

E

I

E-I

GR

GR-N

Micro

Lat

☒

Mi-L

☒

Sonic

☒

Others

\_\_\_\_\_

\_\_\_\_\_

Subsequent Report of Abandonment

	17		
			0

(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office \_\_\_\_\_

Lease No. U-09078

Unit Bridger Jack

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

September 28, 1960, 19

Bridger Jack Unit

Well No. 1 is located 820 ft. from ~~Sx~~<sup>Sz</sup> line and 910 ft. from ~~E~~<sup>E</sup> line of sec. 17

SESE Section 17

(1/4 Sec. and Sec. No.)

27S

(Twp.)

22E

(Range)

SIM

(Meridian)

Wildcat

(Field)

San Juan

(County or Subdivision)

Utah

(State or Territory)

The elevation of the derrick floor above sea level is \_\_\_\_\_ ft. 5278' Ungraded ground

## DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rotary drilling equipment will be used to drill to approximately 8500' to the Pre-Cambrian formation. Casing Program: Approximately 200' of 16" conductor pipe, Approximately 1000' of 10-3/4" OD surface casing cemented to the surface, required amount of 5 1/2" OD production casing cemented with required amount of cement. Mud Program: Conventional gel mud, may convert to oil emulsion to drill pay. Drill Stem Tests: All oil and gas shows will be tested. Electric logs etc will be run before setting casing or abandonment. Stimulation treatments such as acidizing or hydraulic fracturing may be employed in completion.

Location off center due to terrain.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil &amp; Refining Co., Carter Division

Address Box 3082

Durango, Colorado

By

*B M Bradley*

B M Bradley

Title District Superintendent

COMPANY HUMBLE OIL & REFINING COMPANY - CARTER DIVISION

Well Name & No. BRIDGER JACK MESA UNIT # 1

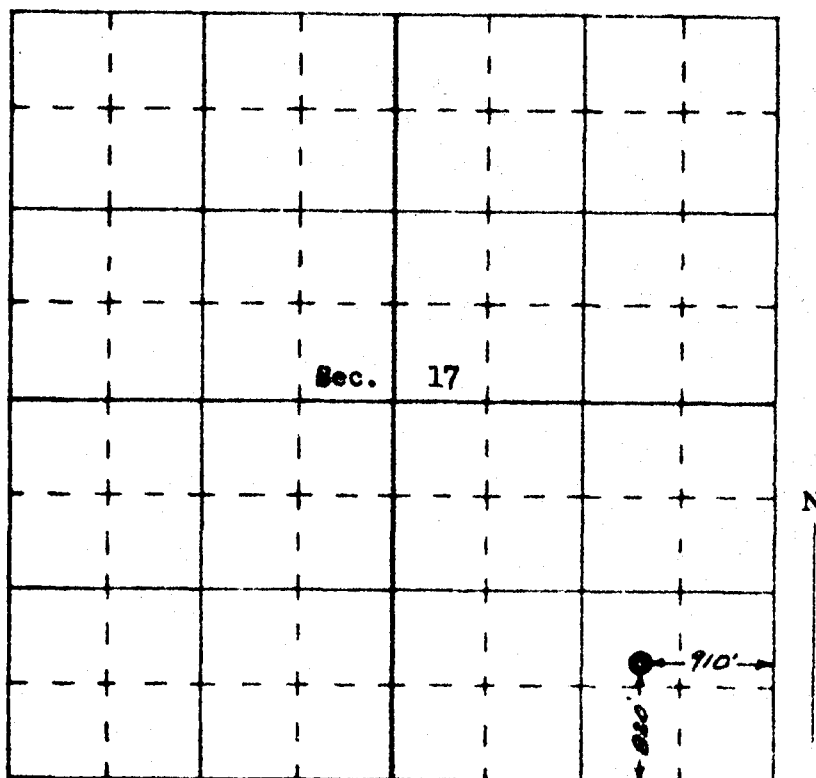
Lease No.

Location 820' FROM THE SOUTH LINE & 910' FROM THE EAST LINE

Being in NW SE SE

Sec. 17, T 27 S, R 22 E, S.L.M., San Juan County, Utah

Ground Elevation 5278.0'



Scale — 4 inches equals 1 mile

Surveyed 23 September

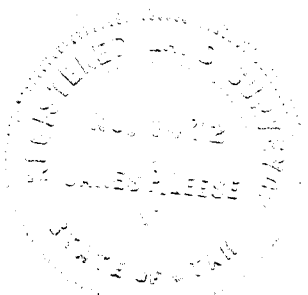
19 60

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

*James P. Leese*

Registered Land Surveyor.  
James P. Leese  
Utah Reg. No. 1472

SAN JUAN ENGINEERING CO., FARMINGTON, NEW MEXICO



## LEASE PLAT &amp; PIPE LINE DATA

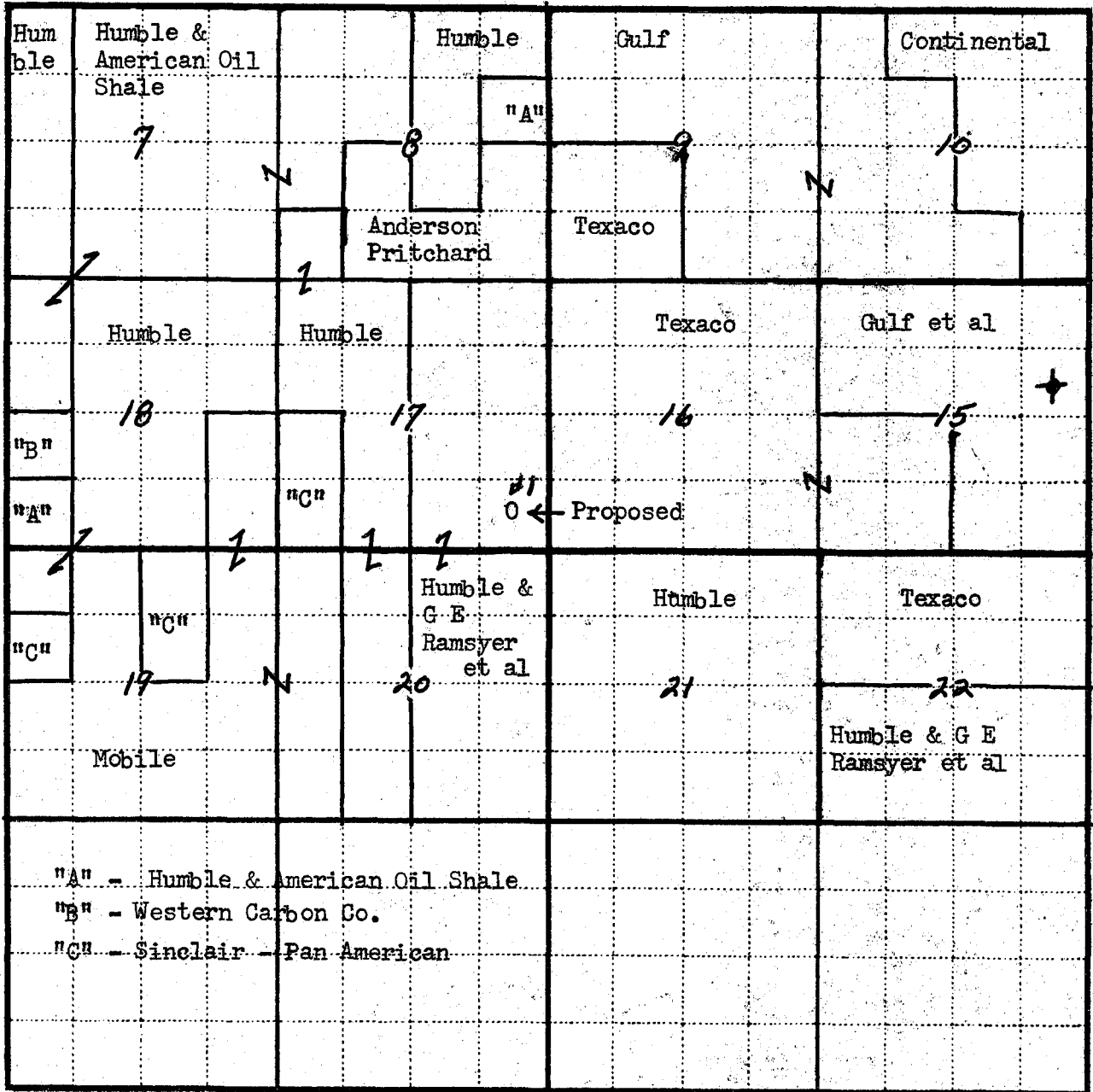
DIV. NO. \_\_\_\_\_ BLOCK NAME \_\_\_\_\_ LEASE NO. U-09078  
 LESSOR \_\_\_\_\_  
 TOTAL ACCUMULATED INTEREST \_\_\_\_\_

STATE Utah COUNTY San Juan SEC 17 T 22 R 22E ACRES \_\_\_\_\_  
 DESCRIPTION AND INTEREST: \_\_\_\_\_

Proposed Location - Humble Oil Company

Bridger Jack Unit #1

IF USED FOR PIPE LINE DIAGRAM — PLEASE SUPPLY THE FOLLOWING INFORMATION  
 Total Length and Size of Pipe Laid \_\_\_\_\_ Pipe Transferred From \_\_\_\_\_  
 Total Length and Size of Pipe Taken Up \_\_\_\_\_ Pipe Transferred to \_\_\_\_\_  
 Depth Buried \_\_\_\_\_ Painted \_\_\_\_\_ Screw, Welded or Coupled \_\_\_\_\_ List Fittings (on back of this sheet if necessary)  
 Date \_\_\_\_\_ District \_\_\_\_\_ Farm or Plant \_\_\_\_\_  
 Signed \_\_\_\_\_  
 (Mail to Engineering Department - Tulsa)



When used as 1/4" Section Scale, 1" = 400'  
 When used as Section Scale, 1" = 800'  
 When used as 4 Sections Scale, 1" = 1600'  
 Place check mark after scale used.

Plat made by \_\_\_\_\_ Date \_\_\_\_\_  
 1/2" Base Map \_\_\_\_\_ Date \_\_\_\_\_  
 Plat Book (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_  
 Block Map (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_  
 Block Map Tr. (Pend.) \_\_\_\_\_ Date \_\_\_\_\_ (Comp.) \_\_\_\_\_ Date \_\_\_\_\_

Copy Sent  
H.C.

Humble will  
send letter  
requesting  
unorthodox location  
because of  
Terrain

October 3, 1960

Humble Oil & Refining Co.  
Carter Division  
Box 3082  
Durango, Colorado

Attention: B. M. Bradley, Dist. Supt.

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Bridger Jack Unit #1, which will be located 820 feet from the south line and 910 feet from the east line of Section 17, Township 27 South, Range 22 East, 31M, San Juan County, Utah.

Please be advised that insofar as this office is concerned approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well has not been spudded in within said period.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FREIGHT,  
EXECUTIVE SECRETARY

CBF:awg  
cc: Jerry W. Long, Dist. Eng.  
U. S. Geological Survey  
Durango, Colorado

H. L. Counts, - OGCC, Moab

RLS

HUMBLE OIL & REFINING COMPANY  
CARTER DIVISION

P. O. Box 3082  
Durango, Colorado  
October 4, 1960

Re: Bridger Jack Mesa Unit No. 1  
820' FSL x 910' FEL 17-27S-22E  
San Juan County, Utah

Utah Oil & Gas Conservation Commission  
310 Newhouse Building  
Salt Lake City, Utah


Attention: Mr. R. L. Schmidt

Dear Sir:

In accordance with our telephone conversation of this morning, please be advised of the following information for the captioned well. The true location falls near the bottom of an approximate 100 foot deep canyon. Any location between the true location and the 500 foot limit would fall on the steep slope of the canyon, which is composed of bed-rock resulting in undrillable locations. The requested location of 820' FSL by 910' FEL falls on a rim of the said canyon.

We appreciate your approval of this location and in the future when we have an unorthodox location we will include a letter of terrain description.

Very truly yours,

  
B. M. Bradley  
Production Superintendent  
Durango District

BMB/jal









UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

LAND OFFICE \_\_\_\_\_  
LEASE NUMBER U-09078  
UNIT Bringer Jack

# LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1960, Humble Oil & Refining Company

Agent's address P. O. Box 3082 Company Carter Division

Durango, Colorado Signed BOB (SUPERVISOR) CHAS. A. JOHNSON

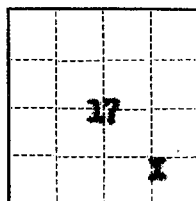
Phone Cherry 7-0210 Agent's title Dist. Acct'g. Supr.

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>BRINGER JACK UNIT</u>										
17 SE SE	27S	22E	1	-	-	-	-	-	-	D & A 12-29-60. TD 7,874'.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



(SUBMIT IN TRIPLICATE)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office \_\_\_\_\_  
Lease No. D-09078  
Unit Bridger Jack

## SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....	<b>XX</b>		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

January 10, 1961

**Bridger Jack Unit**

Well No. 1 is located 820 ft. from TH line and 920 ft. from E line of sec. 17

SE SE Section 17  
(¼ Sec. and Sec. No.)

276  
(Twp.)

22E  
(Range)

51M  
(Meridian)

Wildcat  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 5290 ft.

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

**TD 7874'.**

It is the intention to plug and abandon as follows: Cement plugs 7874 to 7774' with 25 sacks; 7745 to 7645' with 60 sacks; 7100 to 6900' with 60 sacks; 6870 to 6720' with 35 sacks; 5150 to 5000' with 35 sacks; 3110 to 3010' with 30 sacks; 950 to 850' with 15 sacks and 15 sack plug 30' to surface. Intervals between plugs to be filled with mud. A regulation Dry Hole Marker to be cemented in the top of the surface casing. Pits will be filled and location cleaned.

Verbal approval as per telephone from Mr. Wallace Southerland to Mr. H. L. Farris on 12-20-60.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil & Refining Company - Carter Division

Address P. O. Box 3082

Durango, Colorado

By COPY (ORIGINAL SIGNED) D. M. BRADLEY  
D. M. Bradley  
Title Dist. Supt.

Salt Lake City, Utah

[illegible]

To be kept Confidential until \_\_\_\_\_  
(Not to exceed 4 months after filing date)

Operating Company Humble Oil & Refining Co. Address Box 3082, Durango, Colorado  
Lease or Tract, Bridger Jack Field Wildcat State Utah  
Well No. 1 Sec. 17 T. 27S R. 22E Meridian SIM County San Juan  
Location 820 ft. 

N.
S.

 of S Line and 910 ft. 

E.
W.

 of E Line of Sec. 17 Elevation 5,290  
(Derrick floor relative to sea level)

Signed B. M. Bradley  
B. M. Bradley  
Title Dist. Sup't.

The summary on this page is for the condition of the well at above date.

Commenced drilling October 24, 1960 Finished drilling D & A December 29, 1960

(Denote gas by  $G$ )

No. 1, from None to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_

No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 6, from \_\_\_\_\_ to \_\_\_\_\_

No. 1, from None to \_\_\_\_\_ No. 3, from \_\_\_\_\_ to \_\_\_\_\_  
No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 4, from \_\_\_\_\_ to \_\_\_\_\_

[illegible]

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
16"	221	250	Halliburton		
10 3/4"	899	525 & 157.5 cu.ft. Gilsonite	" "		

Heaving plug—Material ----- Length ----- Depth set -----  
Adapters—Material ----- Size -----

## SHOOTING RECORD

FOLD	MARK
------	------

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

#### TOOLS USED

Rotary tools were used from surface feet to 7874 feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

Cable tools were used from None feet to \_\_\_\_\_ feet, and from \_\_\_\_\_ feet to \_\_\_\_\_ feet

#### DATES

Date P & A \_\_\_\_\_, 19\_\_\_\_ ~~XXXXXX~~ D. & A. December 29, 1960

The production for the first 24 hours was \_\_\_\_\_ barrels of fluid of which \_\_\_\_\_% was oil; \_\_\_\_\_% emulsion; \_\_\_\_\_% water; and \_\_\_\_\_% sediment. Gravity, °Bé. \_\_\_\_\_

If gas well, cu. ft. per 24 hours \_\_\_\_\_ Gallons gasoline per 1,000 cu. ft. of gas \_\_\_\_\_

Rock pressure, lbs. per sq. in. \_\_\_\_\_

#### EMPLOYEES

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

\_\_\_\_\_, Driller \_\_\_\_\_, Driller

#### FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			At the end of complete Driller's Log add Geologic Tops. State whether from Electric Logs or samples.
0	885	885	Not logged.
885	1366	481	Chinle
1366	1790	424	Moenkopi
1790	3034	1244	Cutler
3034	3830	796	Virgil
3830	4300	470	Missouri
4300	6944	2644	Des Moinesian
4871	5144	273	Ismay Zone
5144	5183	39	Paradox Shale
5183	5420	237	Desert Creek Zone
5040	6797	1757	Paradox Evaporites
6944	6960	16	Atoka
6960	7345	385	Mississippian
7345	7460	115	Ouray
7460	7587	127	Elbert
7587	7680	93	McCracken
7680	7810	130	Aneth
7810	7873 T. D.	63	Lynch

[OVER]

1961 2 2 834

### HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

State whether electric logs were run. Yes

Spudded 10-24-60

Set 16 " Conductor casing @ 221' and cemented to surface with 250 sacks.

Set 10 3/4" Surface casing @ 899' and cemented to surface 525 sacks and 157.5 cu. ft. Gilsonite.

Cores - None.

DST #1: 6440-6575'. Tool open 2 hrs; open with fair blow, decreased to weak in 10 minutes; gas to surface in 6 minutes; too small to measure. Received 551' total fluid; 431' gas cut mud; 120' gas and mud cut distillate. ISIP 3625#/1 hour; IF 95#/2 hours; FF 165#; FSIP 3580#/2 hours; IH 3558#; FH 3580#.

DST #2: 7025-83'. Tool open 2 hours with fair blow thruout test; received 4741' black salty sulfur water. ISIP 2600#/1 hour; IF 135#; FF 1645#; FSIP 2600#/2 hours; HP 3990#.

DST #3: 7580-7630'. Tool open 2 hours; received 2' mud, no show. Weak blow, dead in 3 minutes. By passed tool with bubble. ISIP 70#/1 hour; IF 50#; FF 50#; FSIP 50#/2 hours; IFP 4155#.

Drilled to TD of 7874', ran logs and set cement plugs as follows: 7874-7774 w/25 sx, 7445-7245' w/60sx, 7100-6900' w/60sx, 6870-6720' w/35 sx, 5150-5000' w/35 sx, 3140-3040 w/30 sx, 950-850 w/45 sx, and 30' to surface w/15sx. Dry Hole Marker cemented in top of surface casing.

D & A: 12-29-60.

(SUBMIT IN TRIPLICATE)

	17	
		X

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

Land Office \_\_\_\_\_  
Lease No. U-09078  
Unit Bridger Jack

## SUNDRY NOTICES AND REPORTS ON WELLS

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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	<b>X</b>
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

May 1, 1961

### Bridger Jack Unit

Well No. 1 is located 820 ft. from N line and 910 ft. from E line of sec. 17

SE SE Section 17  
(¼ Sec. and Sec. No.)

27S  
(Twp.)

22E  
(Range)

SLM  
(Meridian)

Wildcat  
(Field)

San Juan  
(County or Subdivision)

Utah  
(State or Territory)

The elevation of the derrick floor above sea level is 5290 ft.

### DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

**TL 7874'.**

Well has been plugged and abandoned as follows: Cement plugs 7874 to 7774' with 25 sacks; 7445 to 7245' with 60 sacks; 7100 to 6900' with 60 sacks; 6870 to 6720' with 35 sacks; 5150 to 5000' with 35 sacks; 3140 to 3040' with 30 sacks; 950 to 850' with 45 sacks and 15 sack plug 30' to surface. Intervals between plugs filled with mud. Regulation Dry Hole Marker cemented in top of surface casing. Pits have been filled, location cleaned and is ready for inspection.

D & A: 12-29-60.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company Humble Oil & Refining Company - Carter Division

Address P. O. Box 3062

Durango, Colorado

By **COPY (ORIGINAL SIGNED) D. M. BRADLEY**

Title Dist. Supt.